

April 4, 1939.

R. W. ST. DENNIS

2,153,282

CONVERTIBLE ROWBOAT AND TENT

Filed Dec. 28, 1936

3 Sheets-Sheet 1

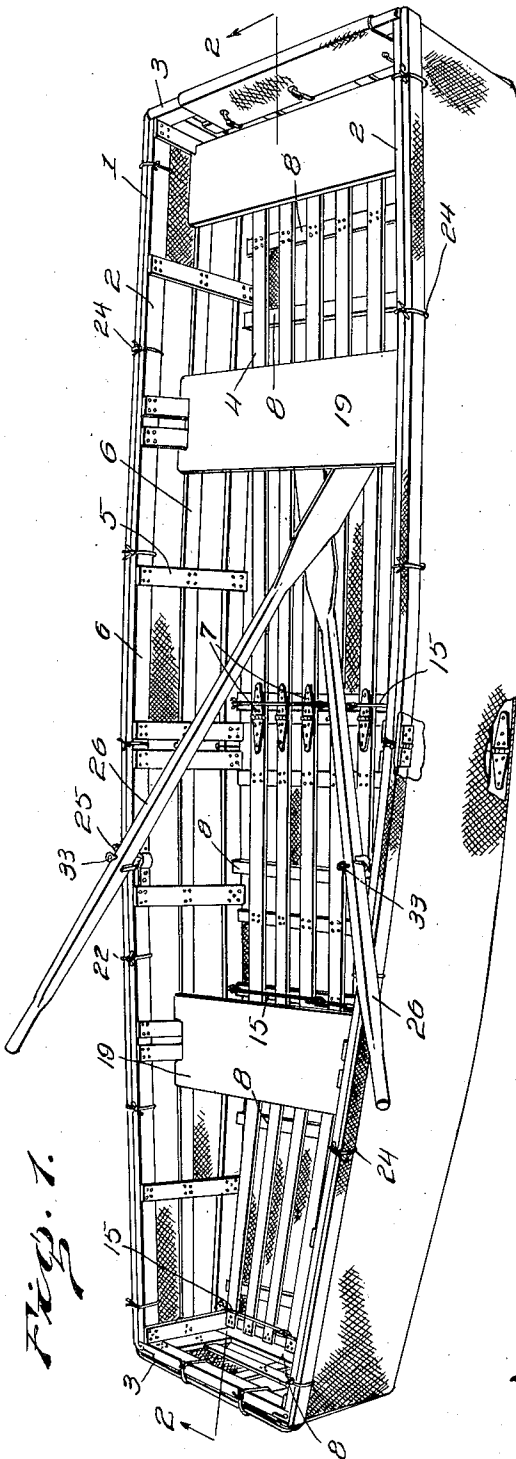


Fig. 9.

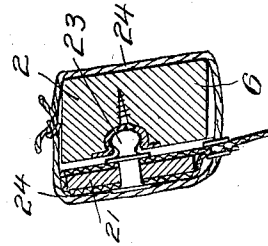


Fig. 8.

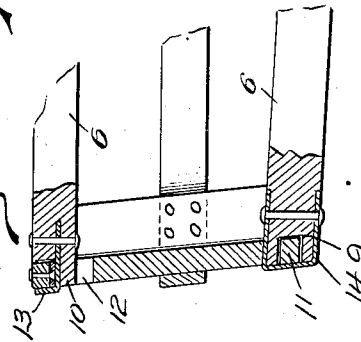
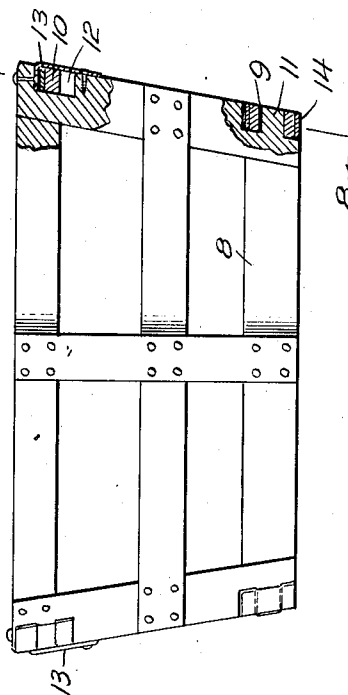


Fig. 7.



Roy W. St. Dennis.

INVENTOR

BY Victor J. Evans & Co.

ATTORNEYS

April 4, 1939.

R. W. ST. DENNIS

2,153,282

CONVERTIBLE ROWBOAT AND TENT

Filed Dec. 28, 1936

3 Sheets-Sheet 3

Fig. 4.

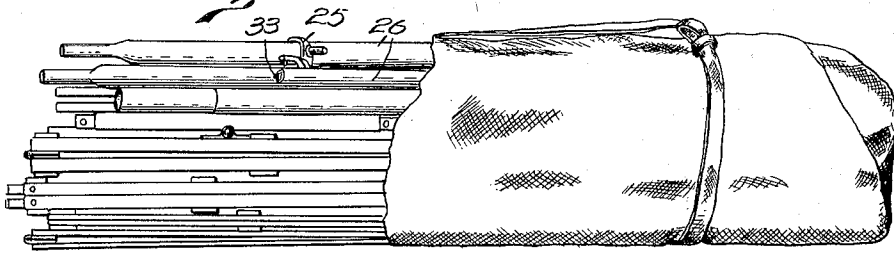


Fig. 5.

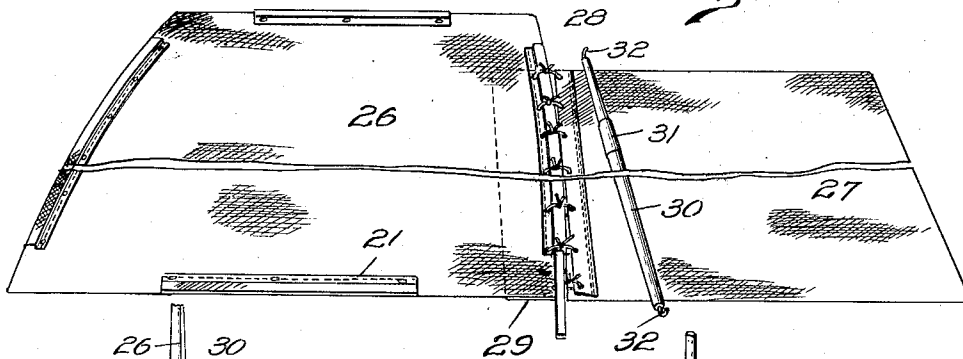
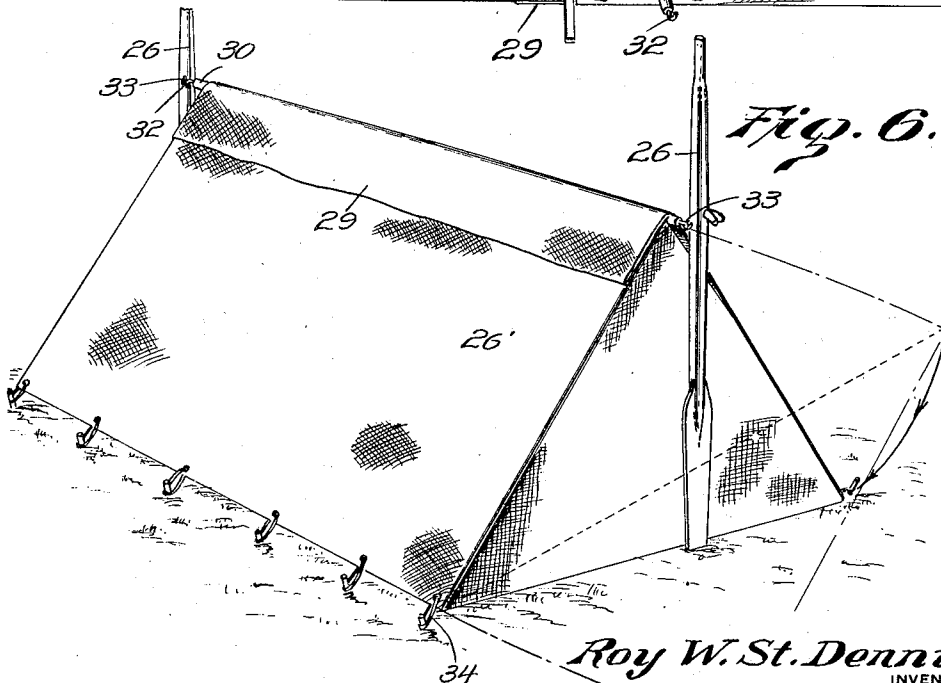


Fig. 6.



Roy W. St. Dennis.
INVENTOR

BY Victor J. Evans, Esq.
ATTORNEYS

UNITED STATES PATENT OFFICE

2,153,282

CONVERTIBLE ROWBOAT AND TENT

Roy W. St. Dennis, Millbrook, N. Y.

Application December 28, 1936, Serial No. 118,010

1 Claim. (Cl. 9—2)

This invention relates to a device which may be easily and quickly converted into either a tent or a boat and has for the primary object the provision of a simple and inexpensive device of this character which may be readily
 5 folded into a compact bundle so that it may be carried manually with ease and when set up as a boat will provide maximum safety and may be easily rowed and when set up as a tent will
 10 provide efficient and weather proof protection against weather elements.

With these and other objects in view, this invention consists in certain novel features of construction, combination and arrangement of parts
 15 to be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawings, in which
 20 Figure 1 is a perspective view illustrating a boat constructed by my invention.

Figure 2 is a sectional view taken on the line 2—2 of Figure 1.

Figure 3 is a transverse sectional view taken
 25 on the line 3—3 of Figure 2.

Figure 4 is a side elevation, partly broken away, to show my invention collapsed and arranged in bundle formation.

Figure 5 is a plan view illustrating a water
 30 proof covering.

Figure 6 is a perspective view showing the covering converted into a tent.

Figure 7 is an end view, partly in section, showing one of the end frames of the boat.

Figure 8 is a sectional view taken on the line 8—8 of Figure 7.

Figure 9 is a fragmentary sectional view showing means of detachably securing the covering to the boat frame.

Figure 10 is a plan view, illustrating the boat covering.

Figure 11 is a fragmentary perspective view showing folded corners of the covering.

Referring in detail to the drawings, the numeral 1 indicates a boat frame of skeleton formation consisting of sides 2, ends 3 and a bottom 4. The sides include ribs 5 and longitudinally extending strips 6. The sides and bottom are composed of sections connected by hinges 7
 45 which will permit said sides and bottom to be folded. One of the ends is of a greater width than the other to provide the stern to the boat frame. The lowermost strips 6 of the sides are notched to receive the ends of transverse members 8 of the bottom 4. The end members 3

are notched, as shown at 9, and also provided with projections 10. The sides 2 are provided with projections 11 and notches 12. The projections 11 fit within the notches 9 and the projections 10 extend into the notches 12. Overlapping
 5 brackets 13 are secured to the end and side members where the projections 10 of the end members extend into the slots 12 of the sides. Substantially U-shaped clamps 14 are secured to the ends 3 and overlie the notches 9 to confine the
 10 projections 11 therein.

Quick detachable tie rods 15 are detachably connected to the sides 2 and overlie the bottom 4. Braces 16 in the form of skeleton frames are provided with projections 17 to fit between
 15 pairs of ribs of the sides. The braces 16 are connected to the sides by hooks and eyes 18. The braces 16 underlie seats 19, the ends of which are notched to receive the ribs of the sides 2.

A waterproof covering 20 shaped to cover the
 20 frame 1 is provided at its edges with flaps 21 to receive strips 22. Certain of the strips 22 are connected to the sides of the frame 1 by quick detachable fasteners 23. The fasteners 23 are of the ball and socket type. The covering also
 25 is provided with eyelets to receive lacings 24 passing about the uppermost members 6 of the sides 2 and also the strips secured in the hems or flaps of the covering. The covering 20 is best illustrated in Figures 10 and 11 which show
 30 the corner folds 20'.

The sides have secured thereto oar locks 25 to receive oars 26 whereby the boat may be rowed.

The frame 1 of the character described, can
 35 be easily collapsed, that is, the sides and bottom folded due to their sectional formation and the seats, braces and tie rods can be easily detached permitting the frame to be folded so that it can be easily handled and carried. The
 40 covering 20 may be employed for wrapping the collapsed frame or the covering 20 may be employed for forming one portion of a tent 26', as shown in Figure 6, the other portion of the tent being formed by an extra strip of water
 45 proof material 27 detachably secured to the covering 20, as shown at 28, and which provides a flap 29 to overlie the joint between the covering 20 and the fabric strip 27 and to provide a double thickness where the tent passes over
 50 a reach pole 30. The reach pole is sectional and detachably joined by a sleeve 31. The ends of the reach pole have hooks 32 to engage with eyes 33 secured to the oars 26, the oars 26 acting as poles for the tent. Suitable lacings 34 55

may be provided for securing the tent to stakes.

The frame 1 or the parts thereof when collapsed may be split into a pair of bundles, one bundle may be wrapped in the covering 20 and the other bundle may be wrapped in the strip 27 so that the device thus separated may be easily carried by persons.

A device of the character described can be easily set up to provide a boat capable of carrying loads with safety or the covering going to form the boat may be employed to construct a tent with the oars of the boat acting as tent poles. The covering and a similar strip of fabric can be employed for wrapping the collapsed frame of the boat into a compact bundle so that it may be manually transported.

Having described the invention, I claim:

A collapsible boat comprising sides, ends and a bottom each separable from one another, said side and ends having notches, projections formed on said sides and ends and extending into said

notches, overlapping brackets secured to the sides and ends, substantially U-shaped clamps secured on said ends and overlying the notches of the ends to confine the projections of the sides therein, said sides including spaced strips, extensions formed on the bottom and fitting between said strips, tie rods connecting the sides and arranged adjacent the bottom, braces resting on said bottom and of skeleton formation, ribs for said sides and grouped in closely related pairs, projections on said braces and extending between the pairs of ribs, seats carried by said braces and notched to receive the ribs, separable fasteners connecting the braces to said sides, and a cover secured to said sides and ends and underlying the bottom, said fasteners of a ball and yieldable socket construction whereby to facilitate ready attachment and detachment of said cover relative to said sides, ends and bottom.

ROY W. ST. DENNIS.